

ABSTRACT OF THE DISCLOSURE

A record pit is recorded in an optical information record medium by applying write light of predetermined power, the feature information of the record state is extracted based on the signal waveform provided by optically reproducing the record pit in as recorded, and write light of a plurality of steps of power is set based on the difference between the feature information and the target feature information. Record pits at a plurality of steps are written for a try in the optical information record medium by applying the write light of the plurality of steps of power, the feature information of the record state for each of the record pits at the plurality of steps is extracted based on the signal waveform provided by optically reproducing the record states containing the record pits at the plurality of steps, it is determined that power of write light corresponding to the information almost equal to the target feature information, of the feature information of the record state for each of the record pits at the plurality of steps is appropriate write light power, and the emission power of the write light is adjusted.

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